



FIG. 1

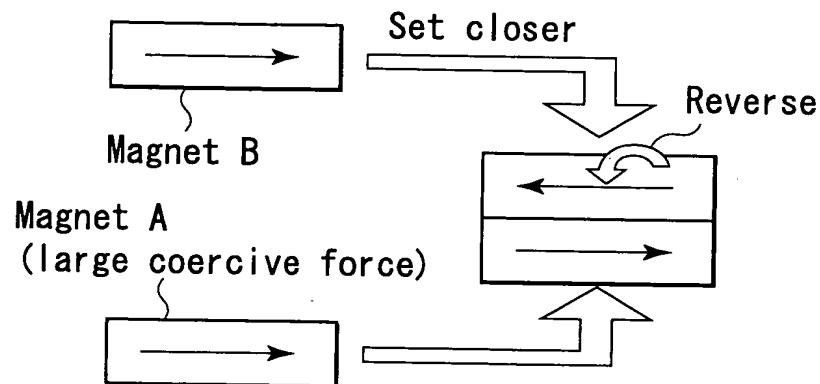


FIG. 2

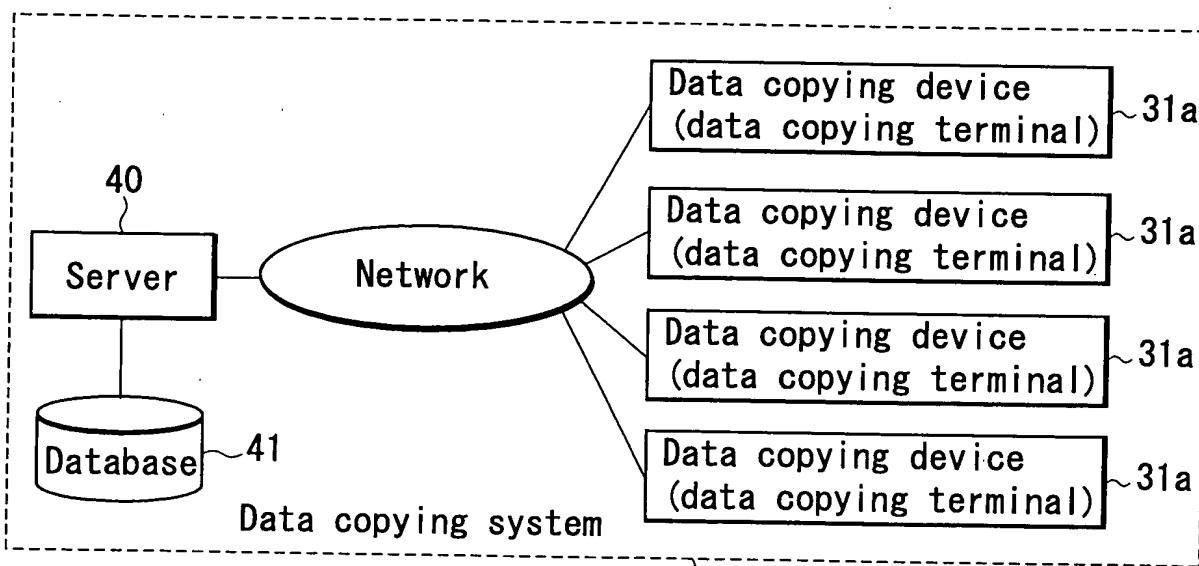
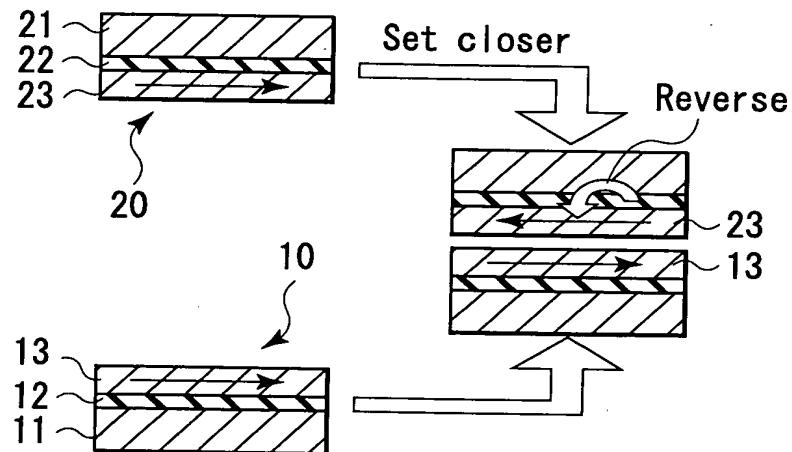


FIG. 3

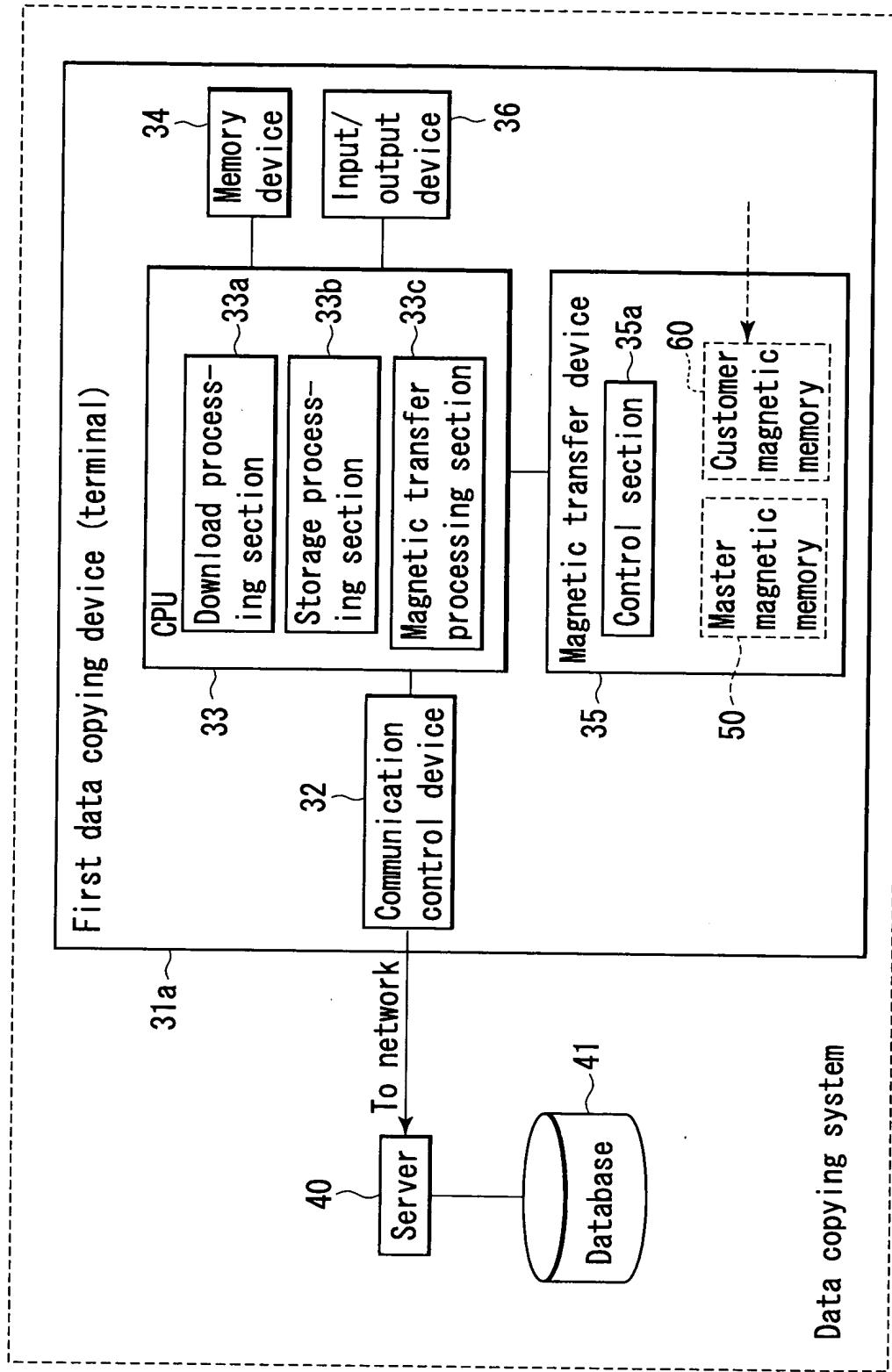


FIG. 4

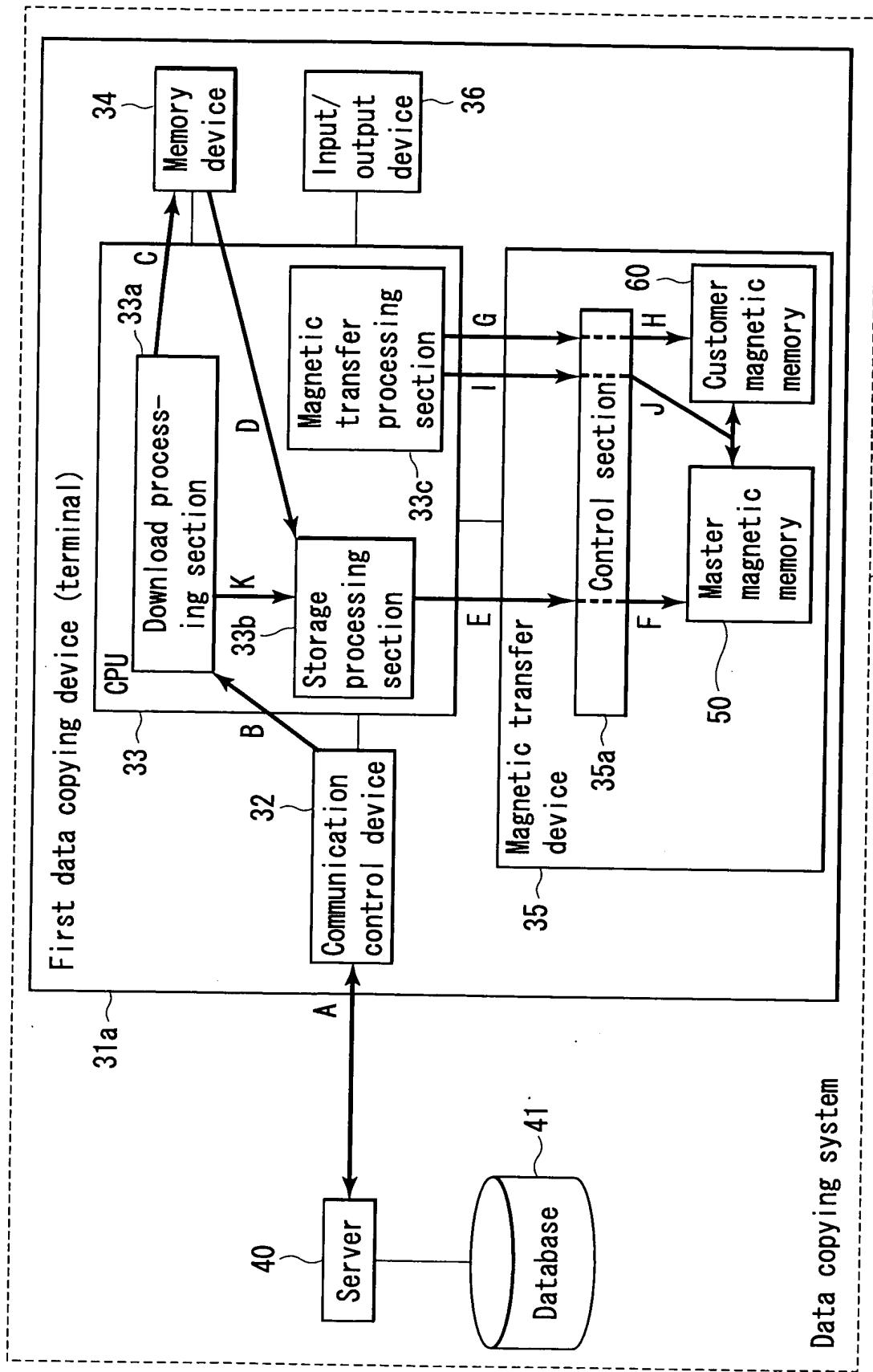


FIG. 5

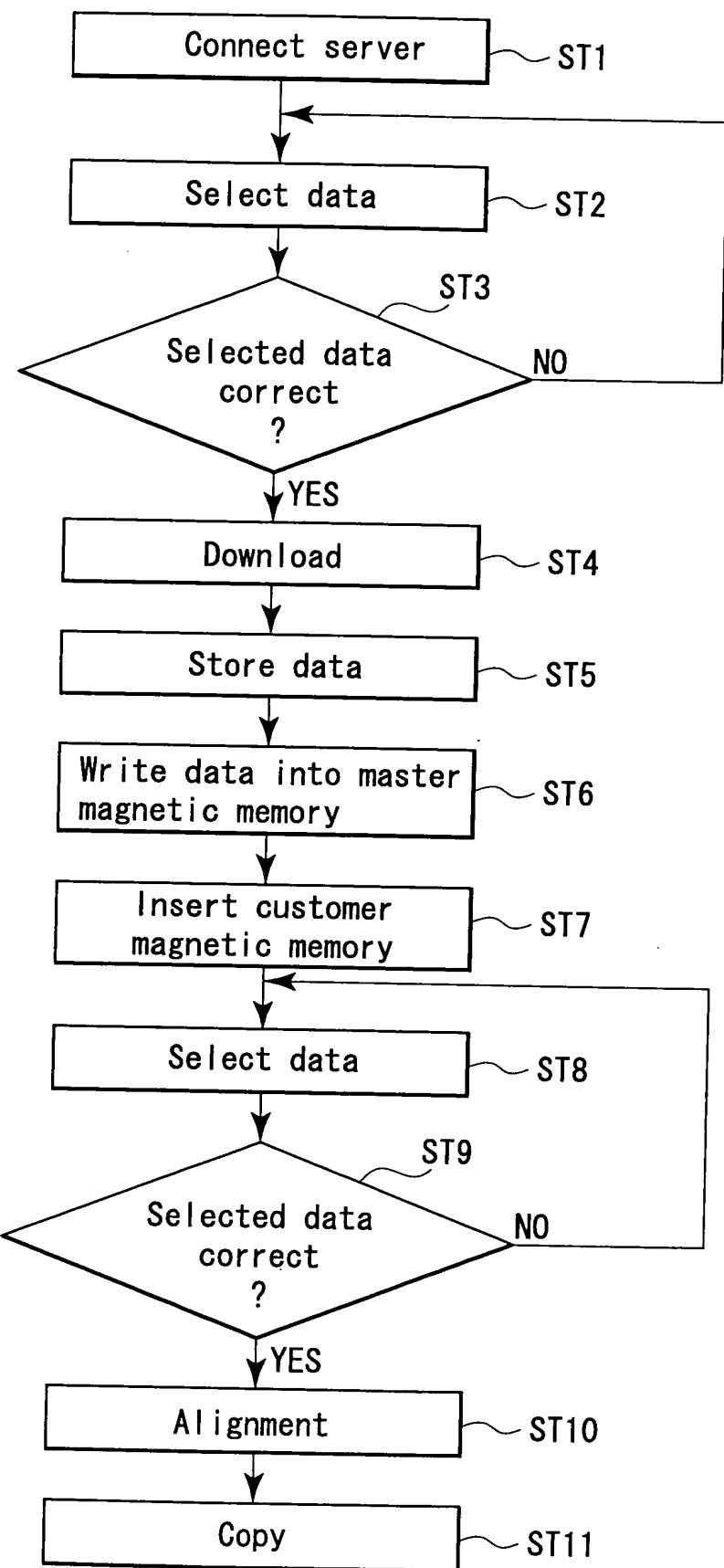
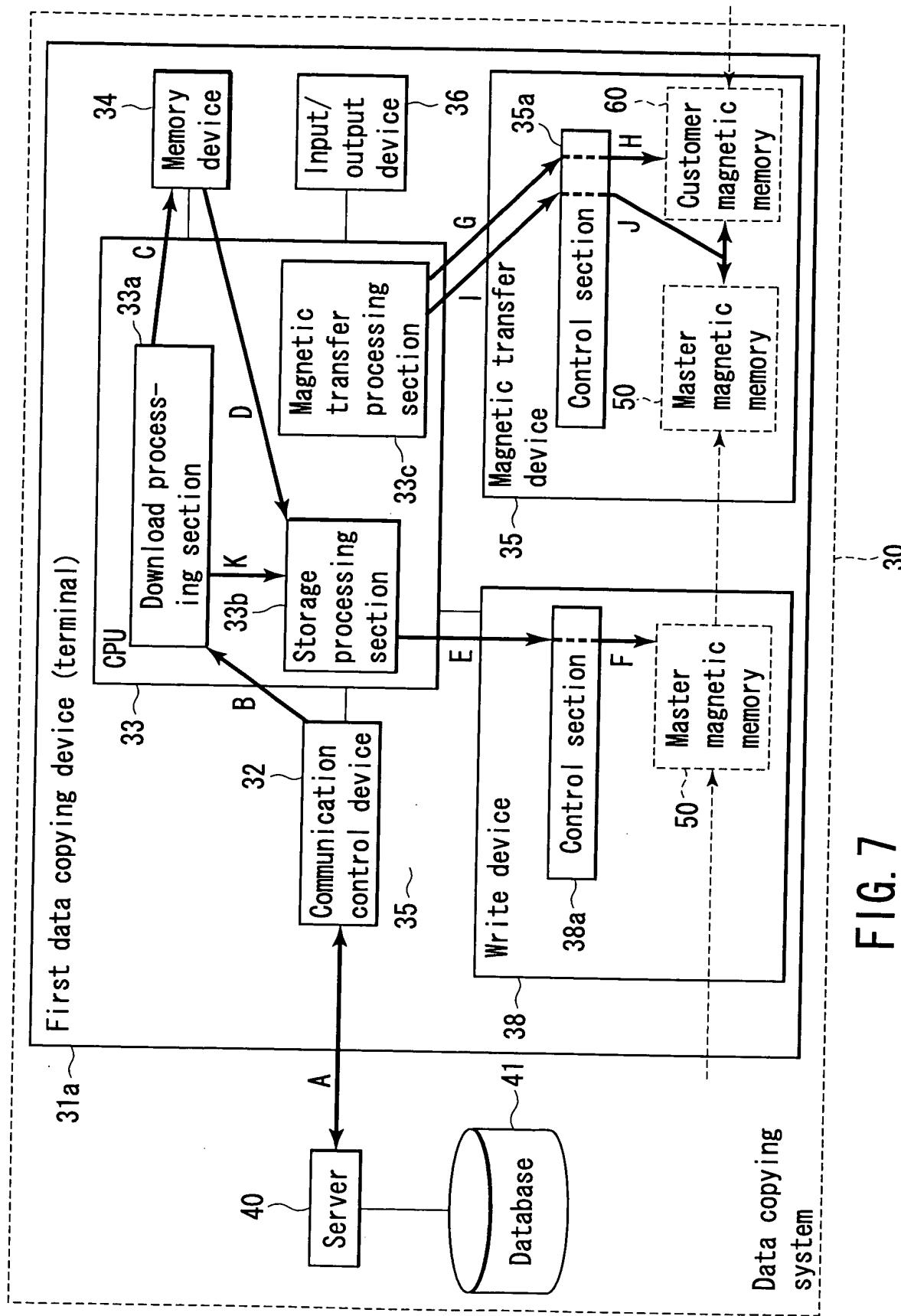


FIG. 6



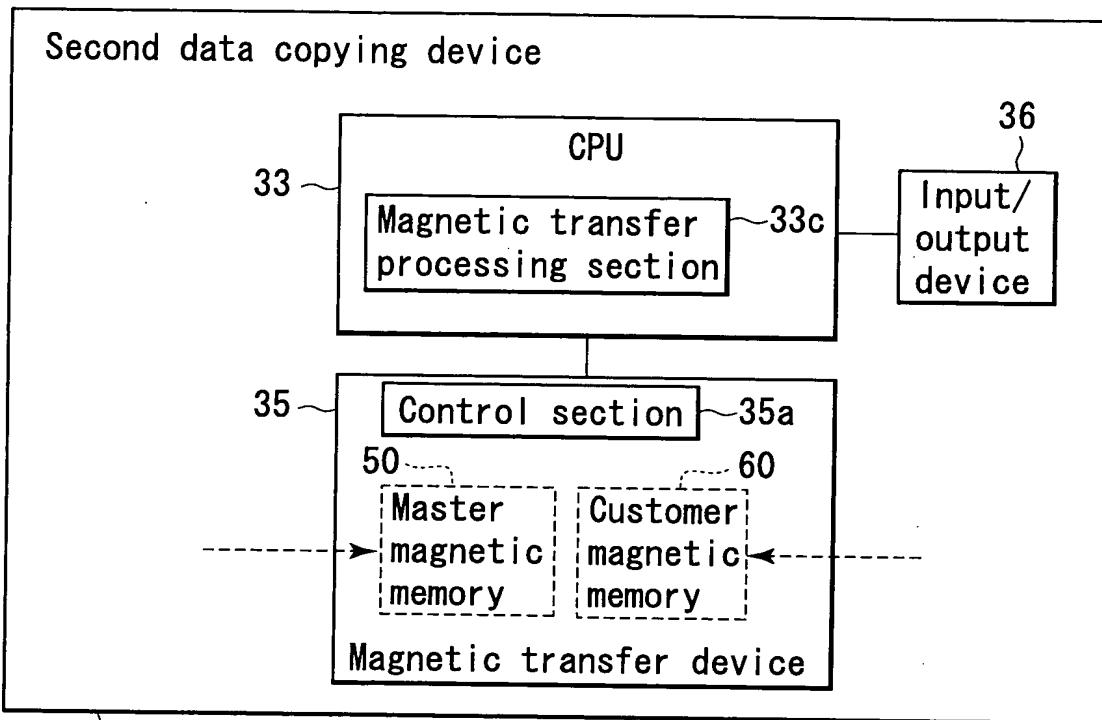


FIG. 8

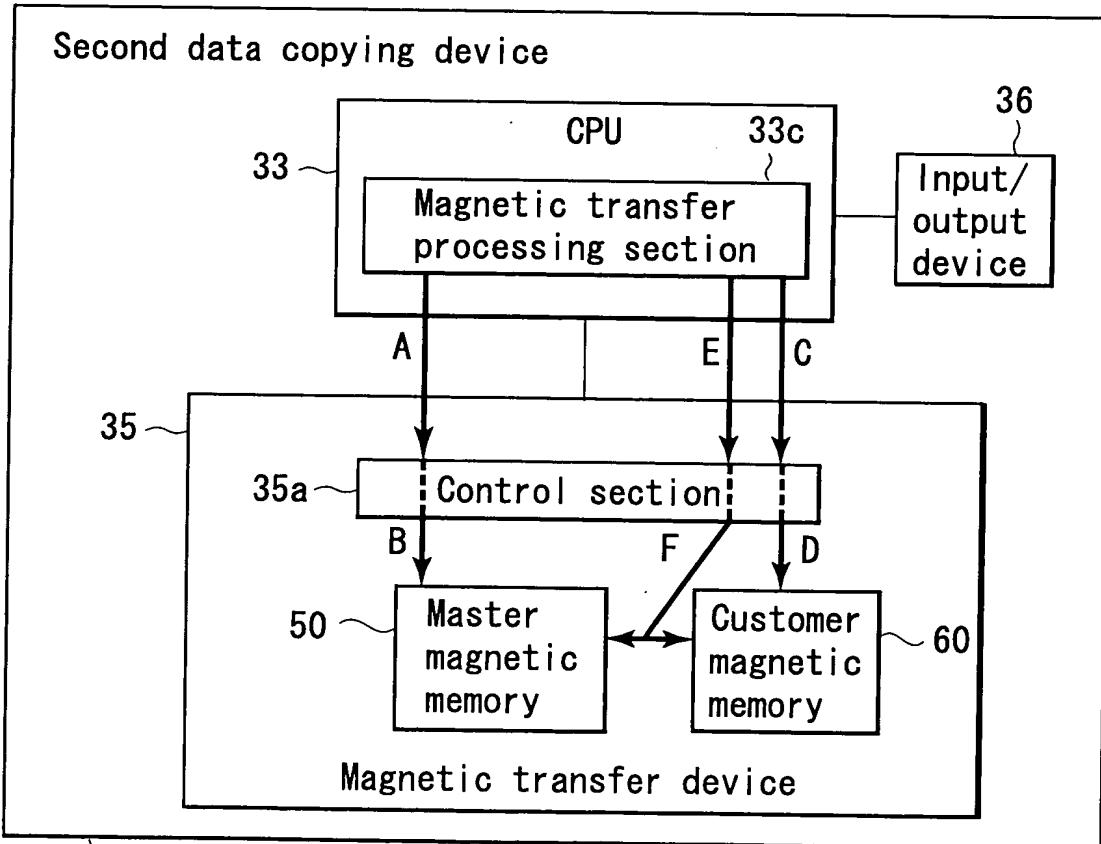


FIG. 9

FIG. 10

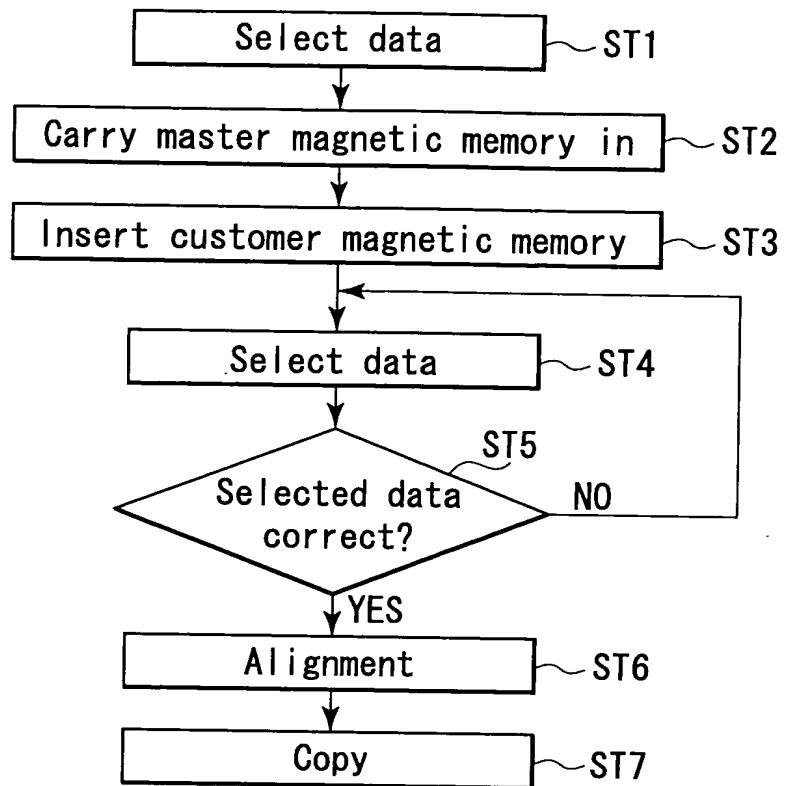
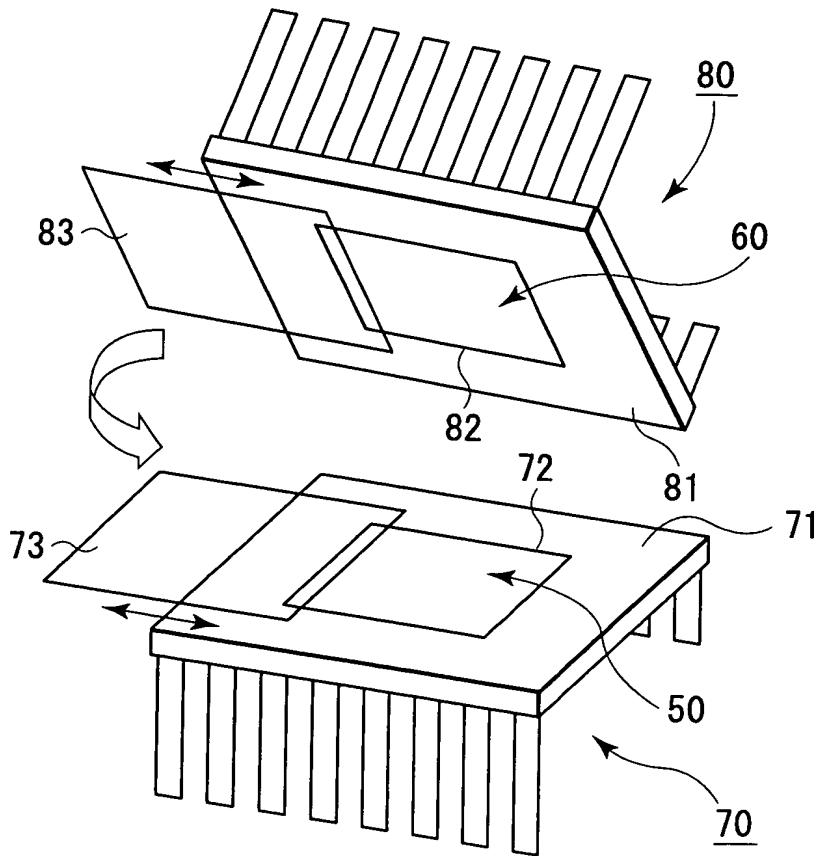


FIG. 13



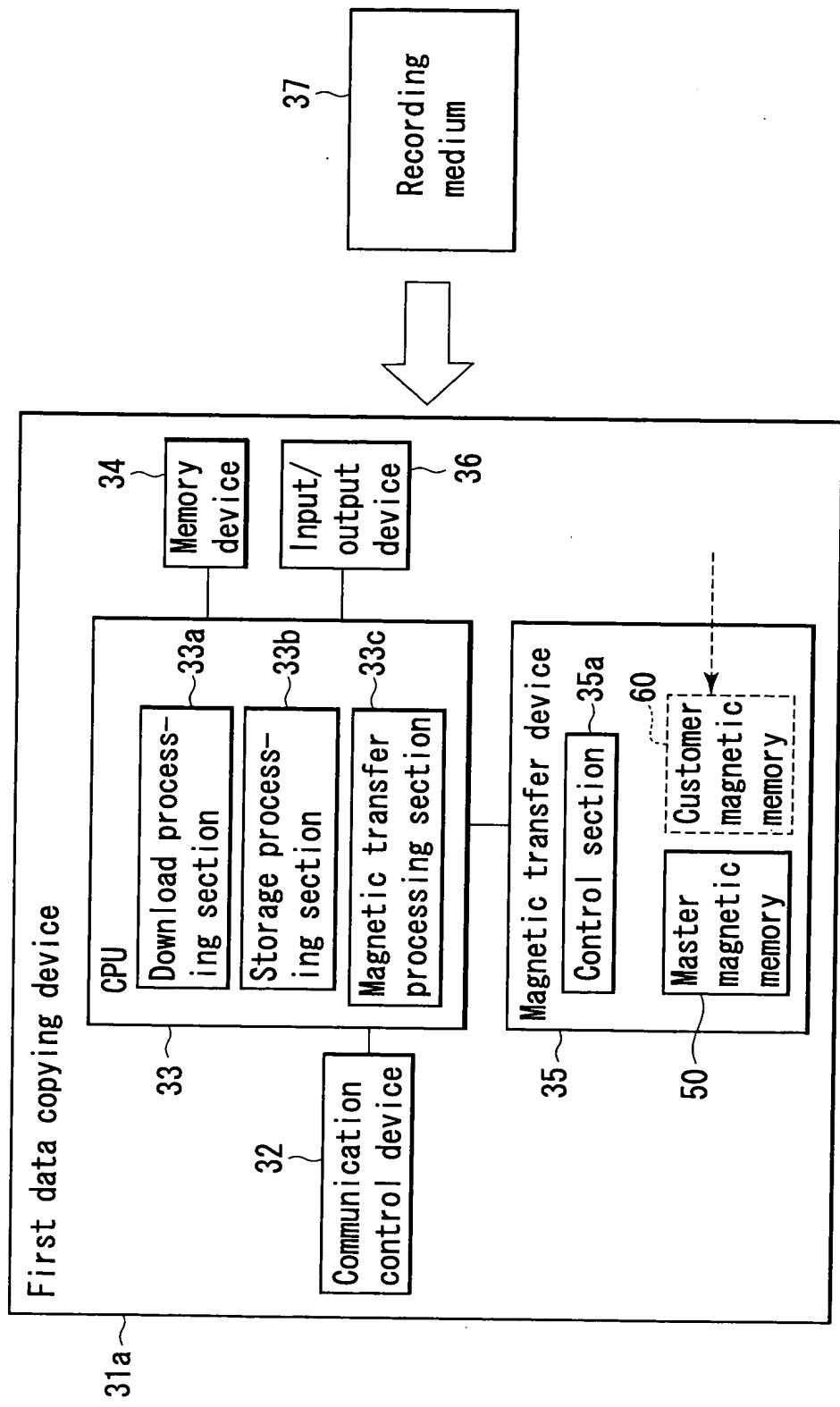


FIG. 11

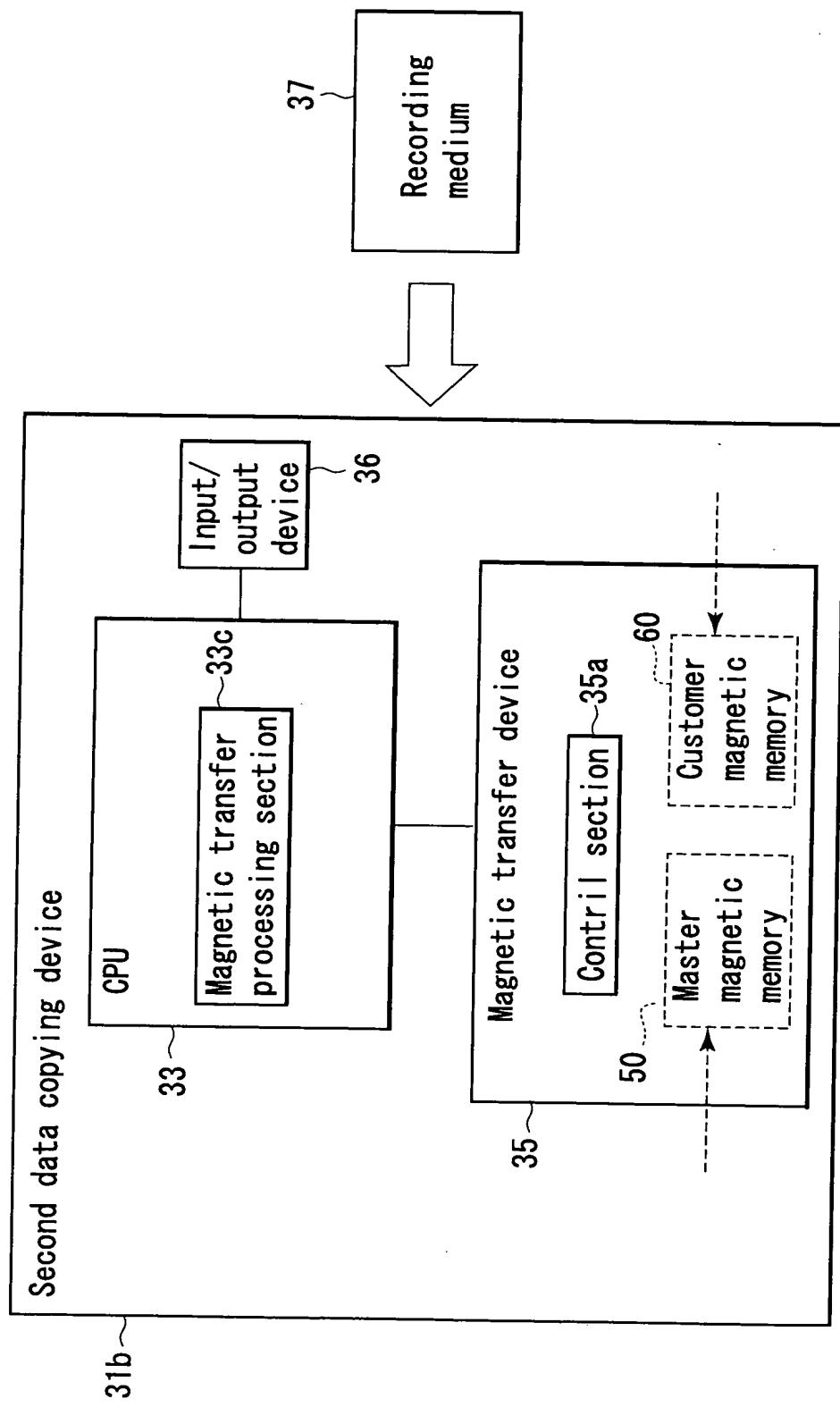


FIG. 12

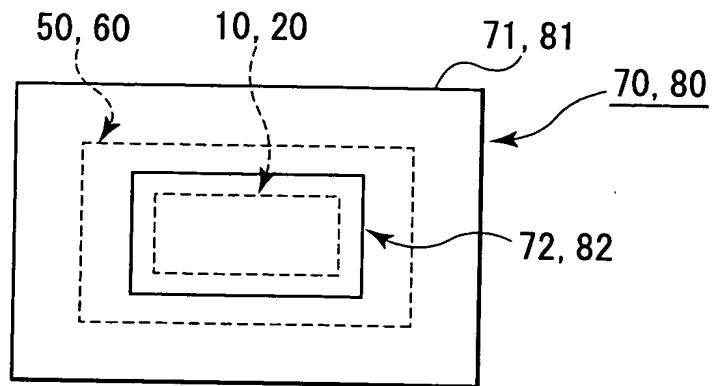


FIG. 14

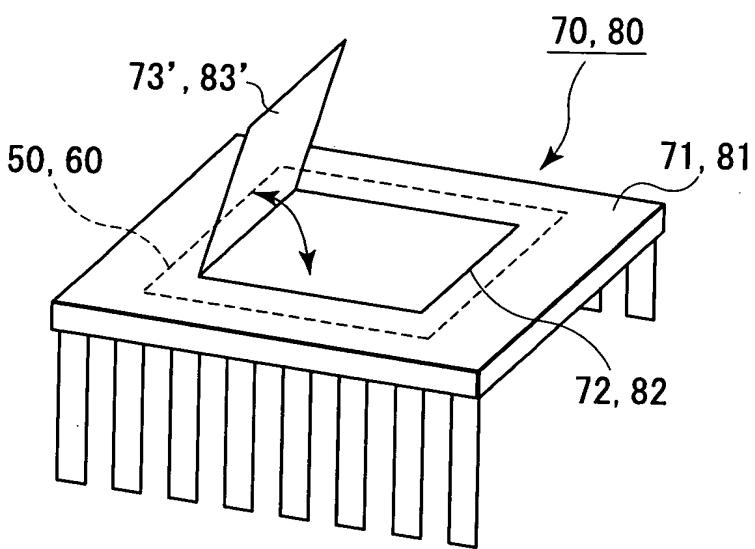


FIG. 15

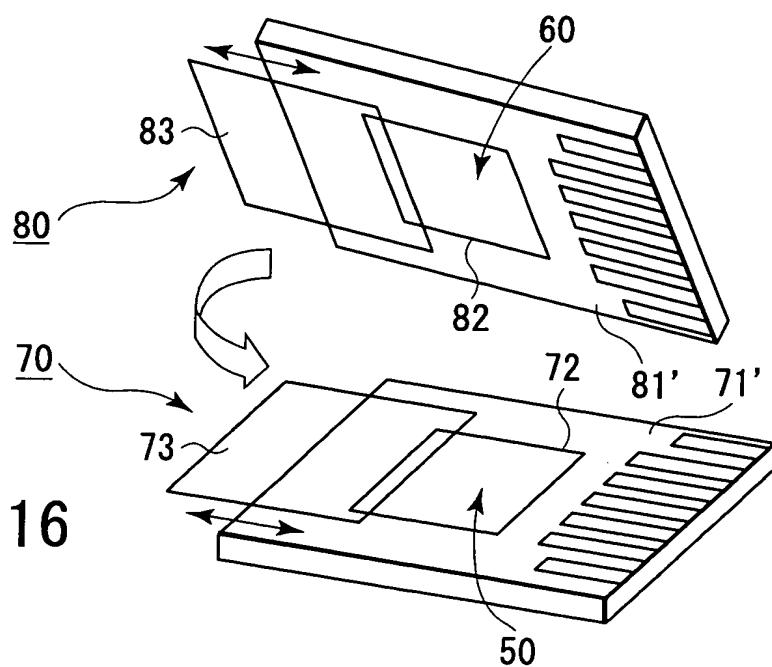
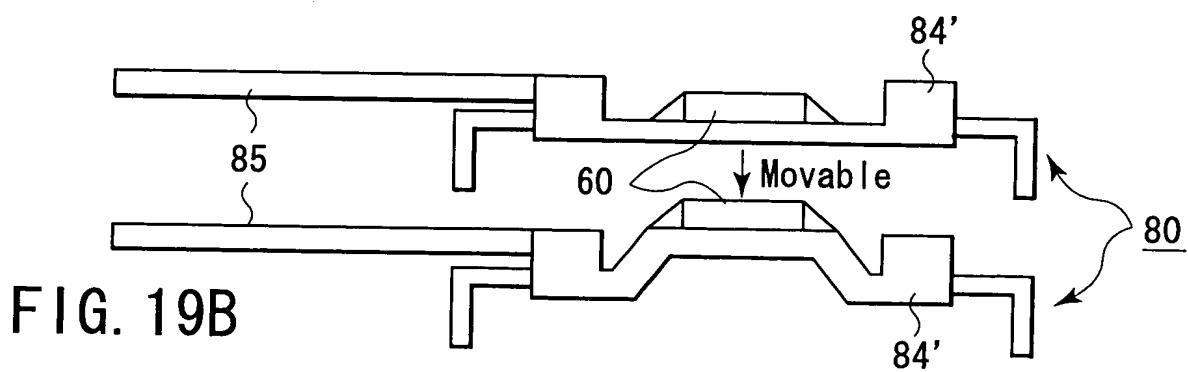
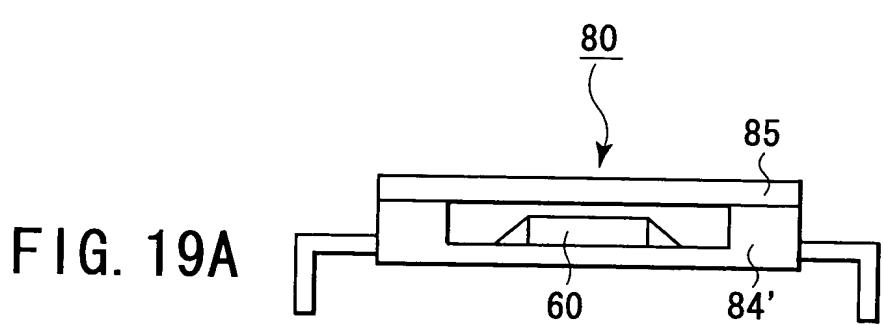
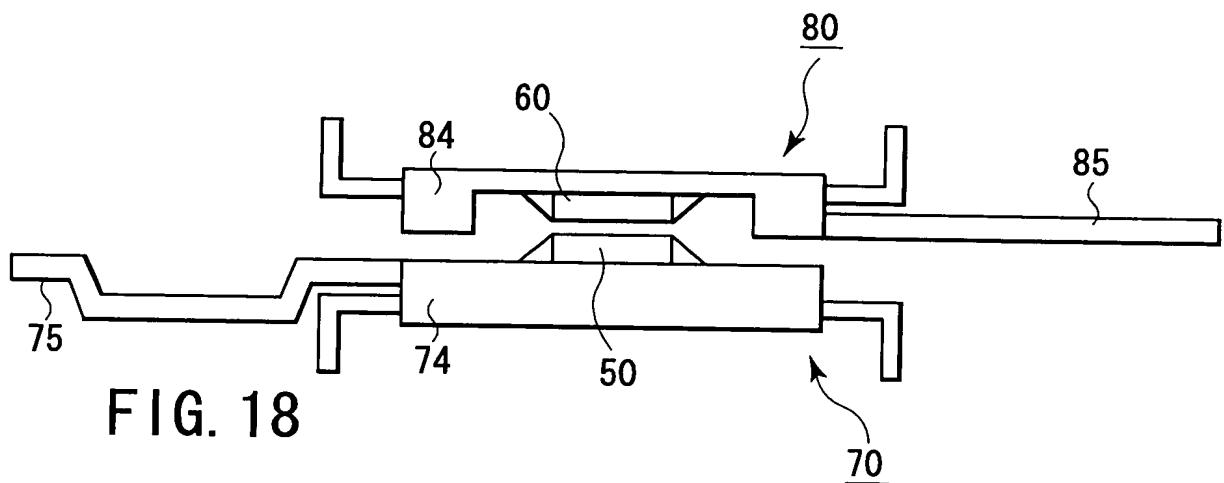
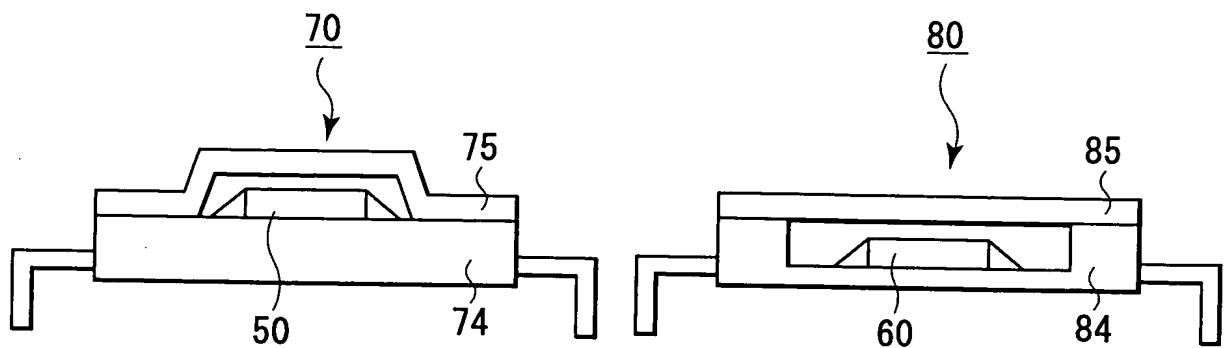


FIG. 16



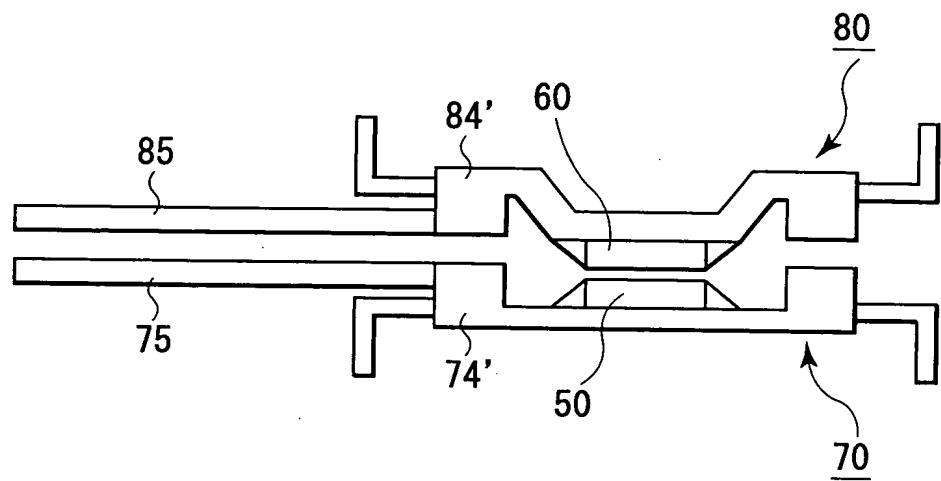


FIG. 20

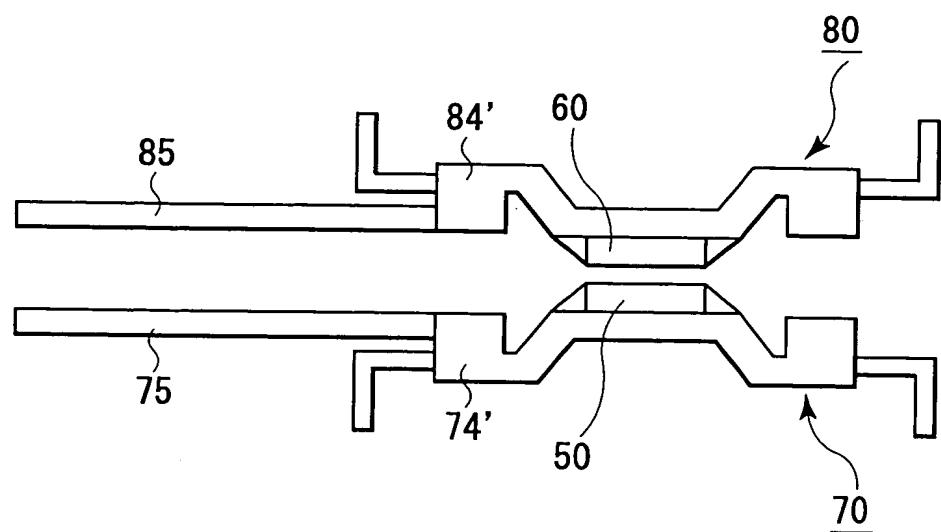


FIG. 21

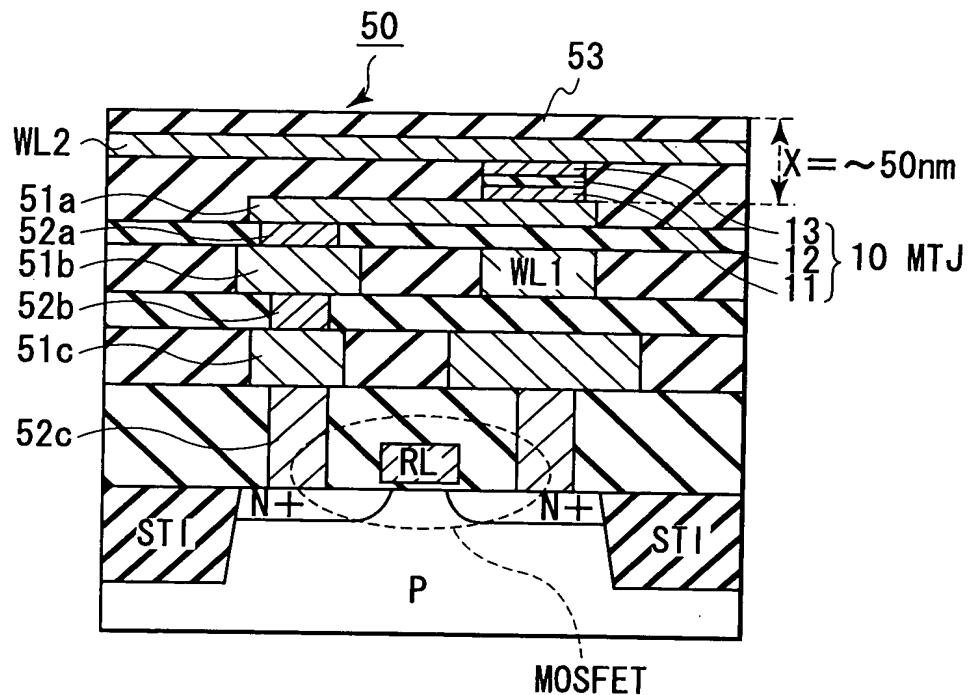


FIG. 22

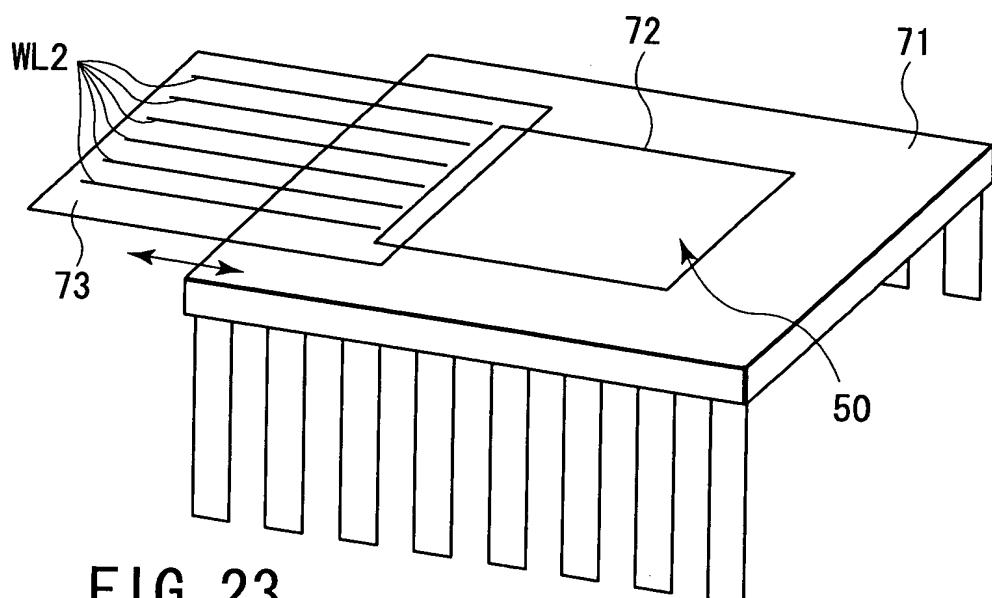
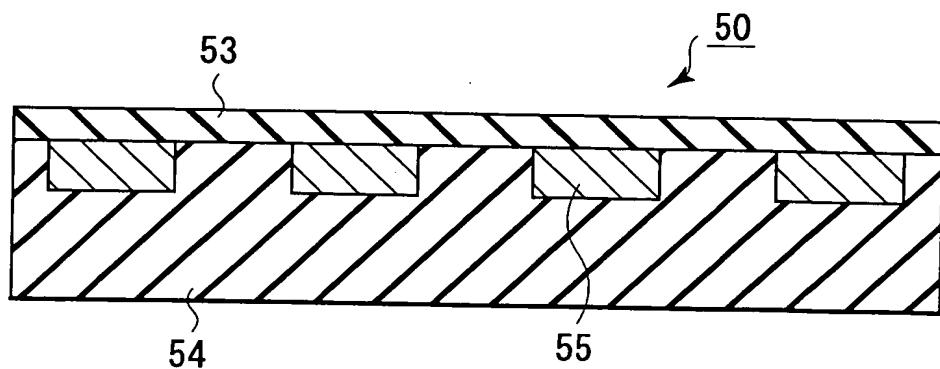
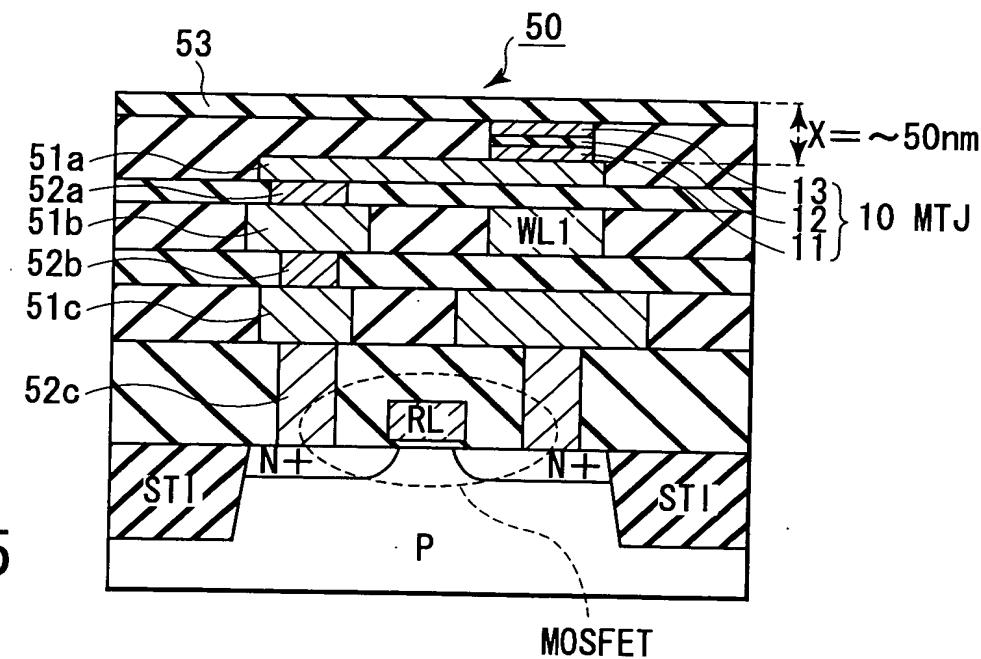
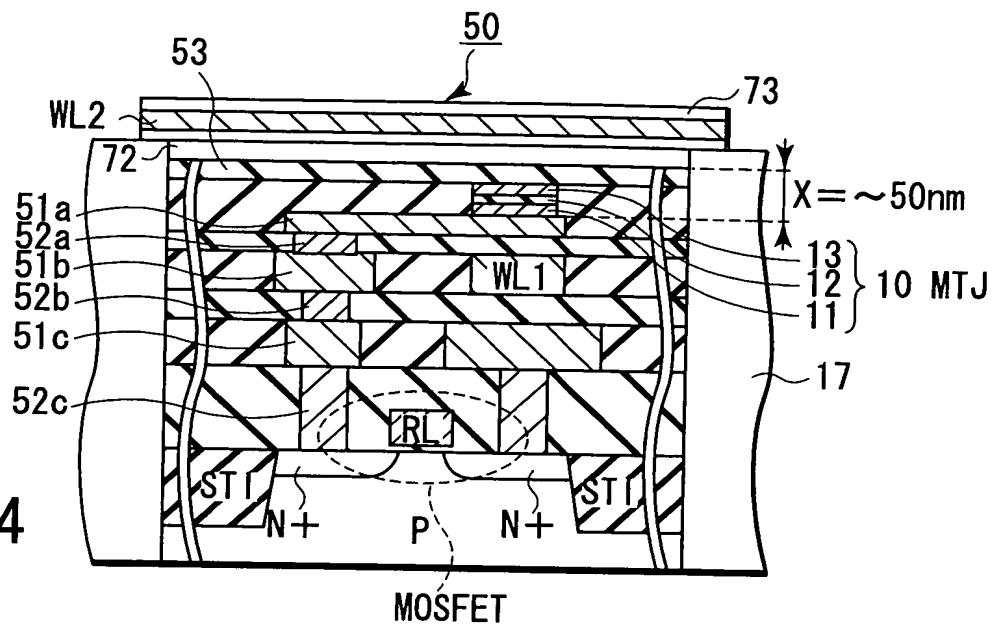


FIG. 23



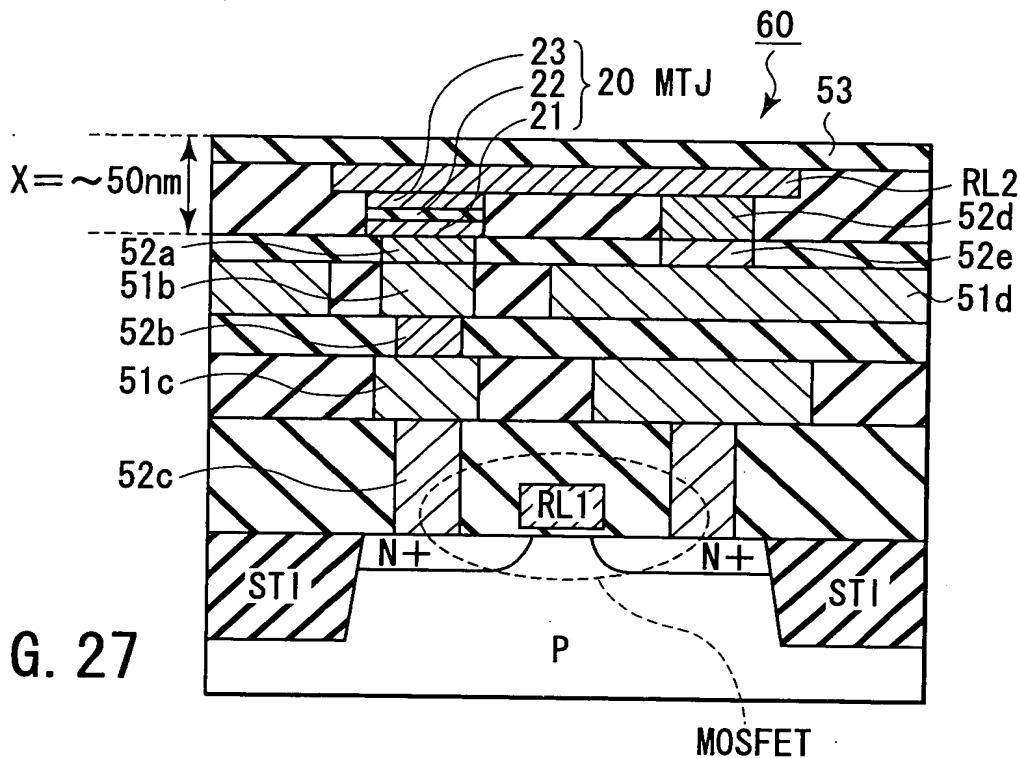


FIG. 28A

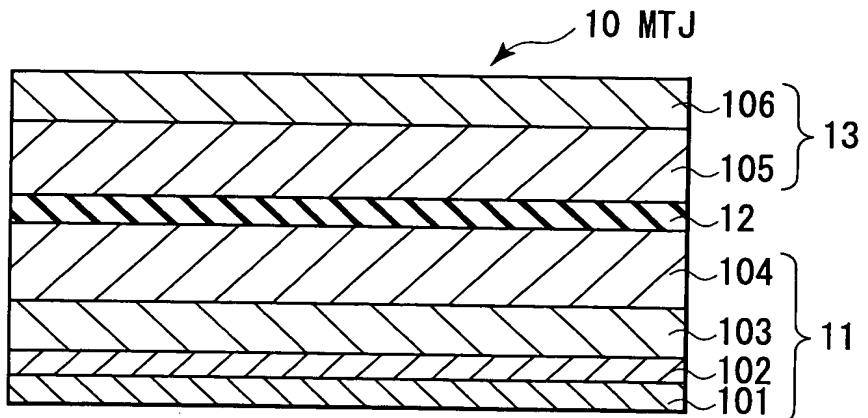
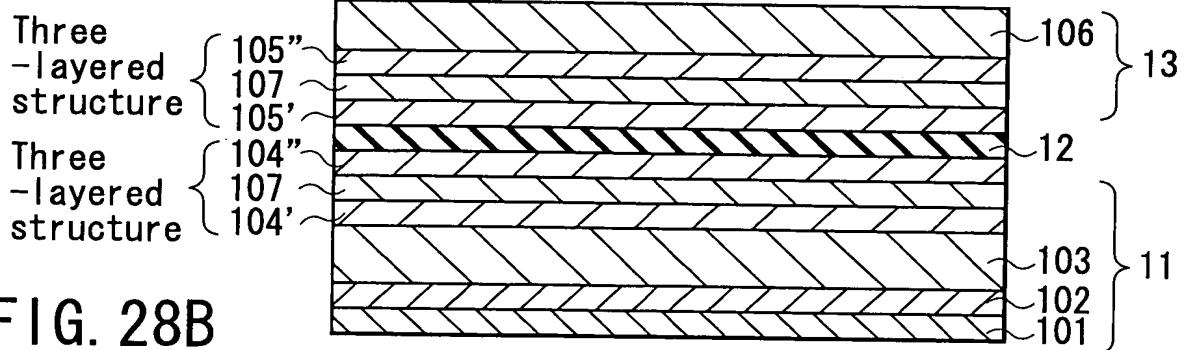


FIG. 28B



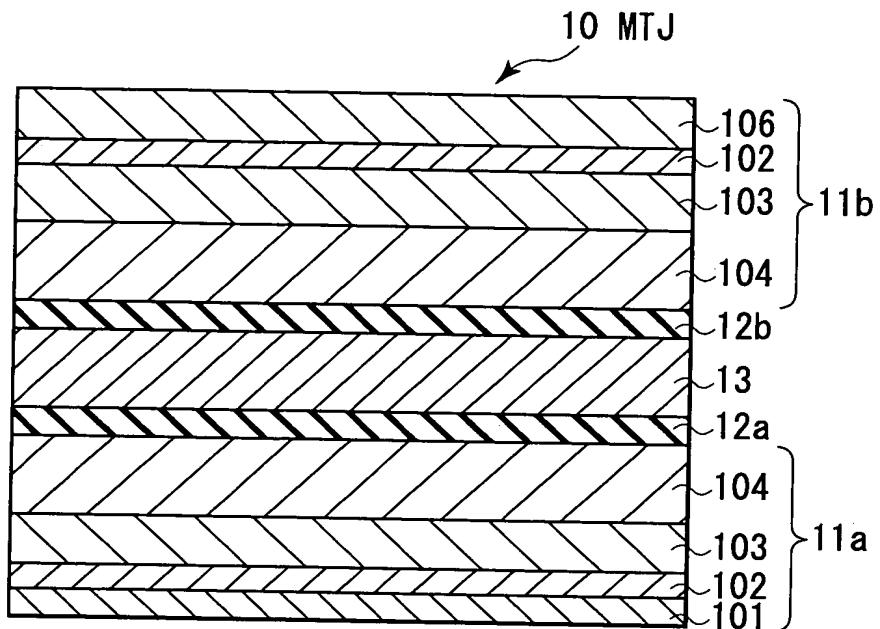


FIG. 29A

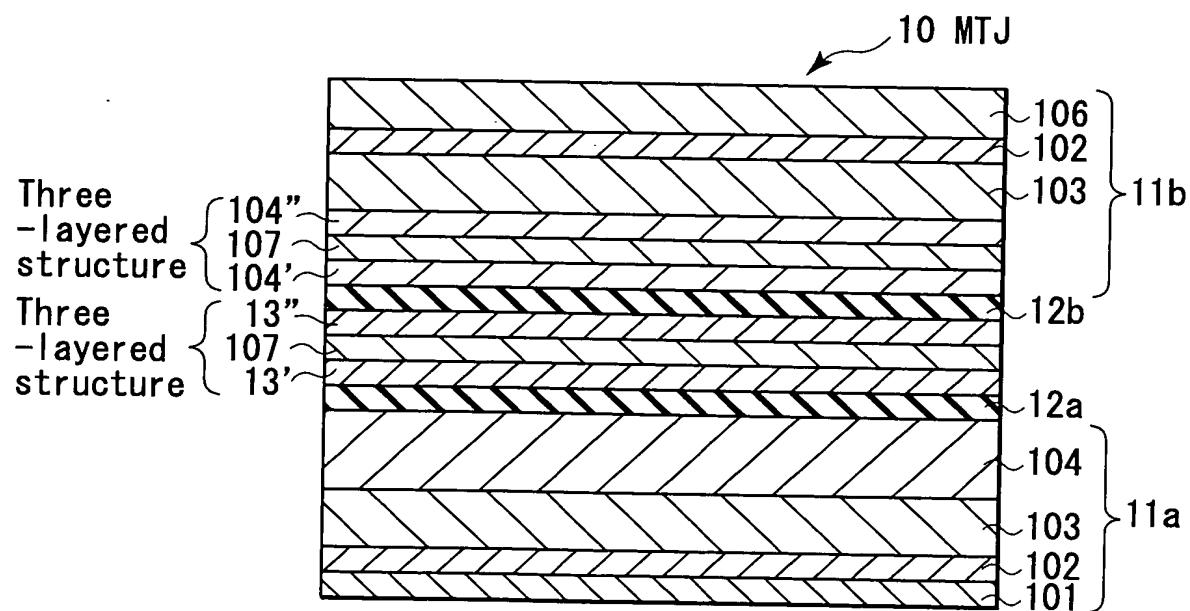


FIG. 29B

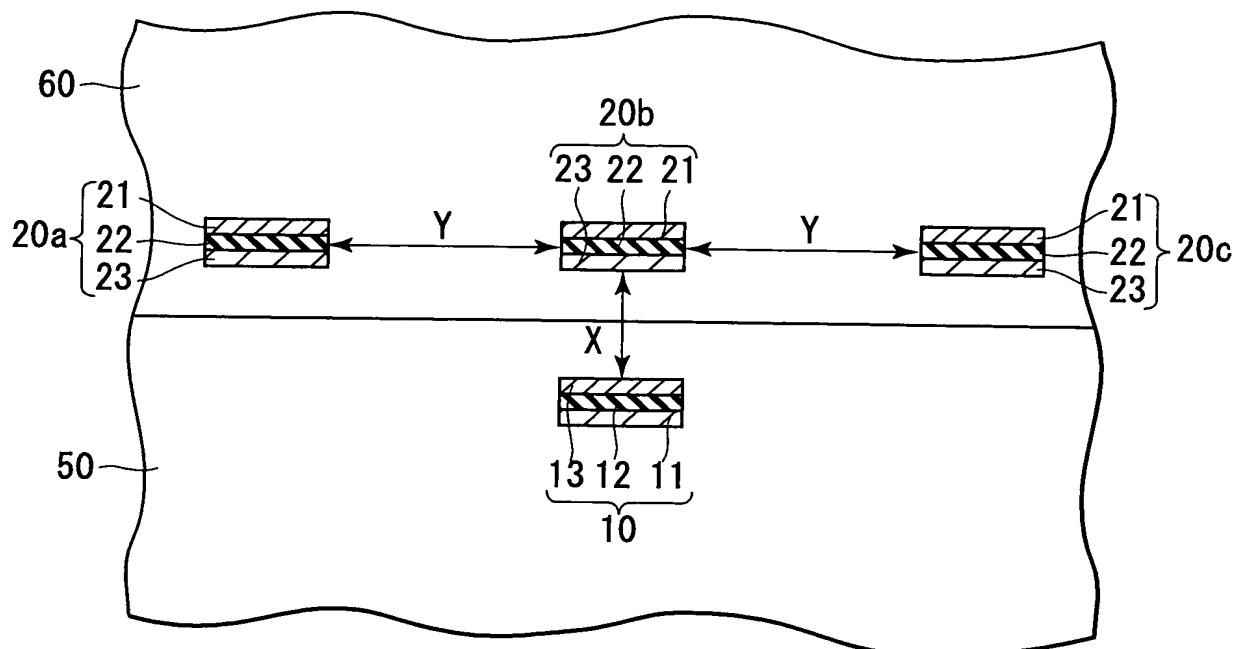


FIG. 30

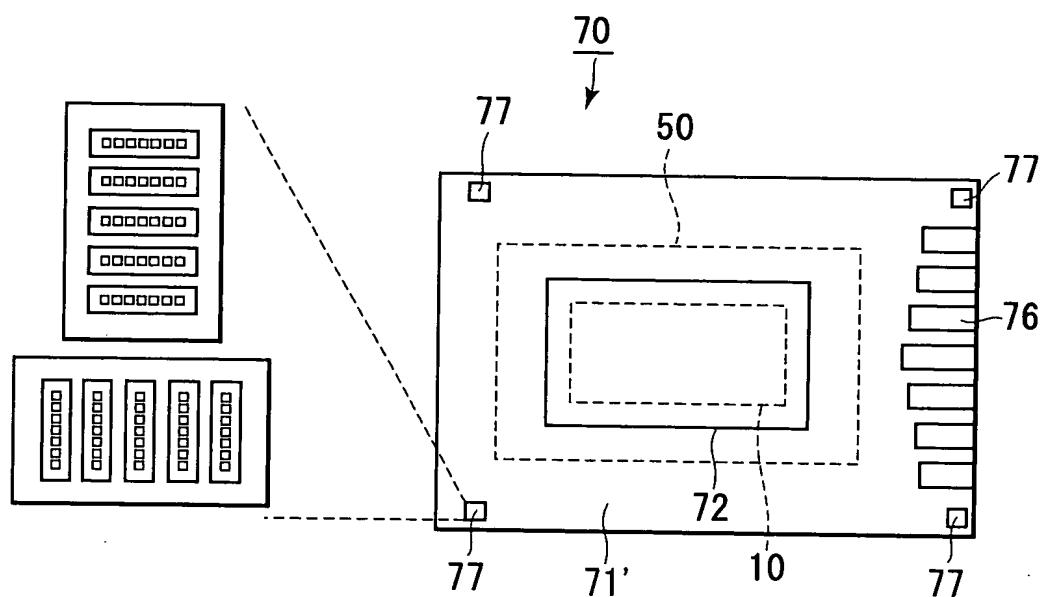
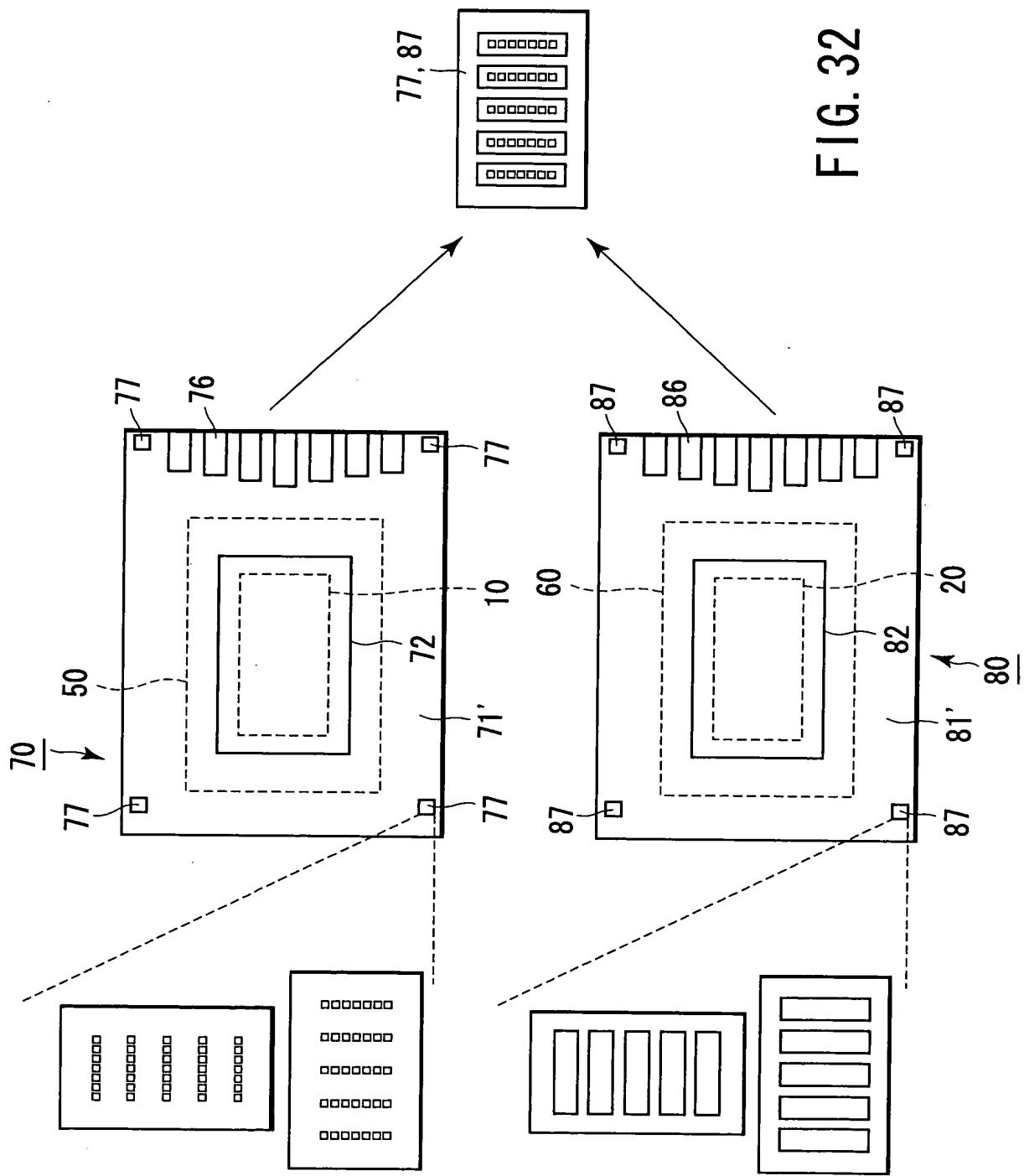


FIG. 31

FIG. 32



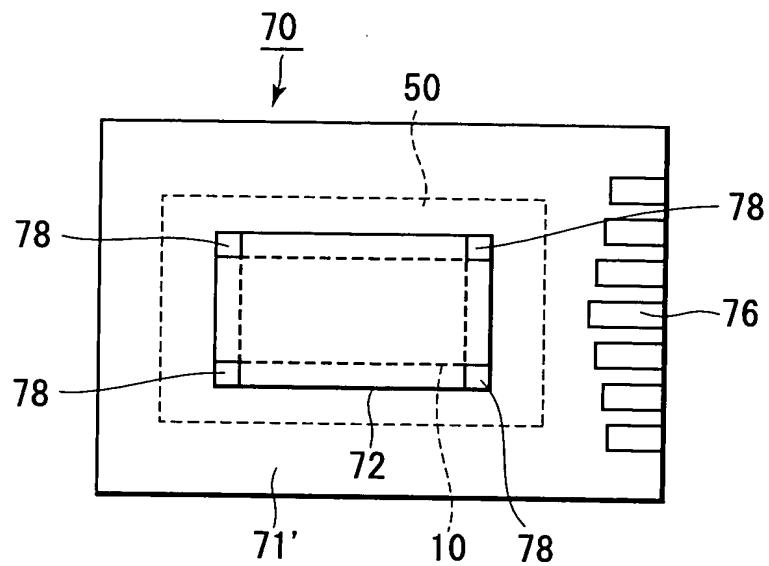


FIG. 33

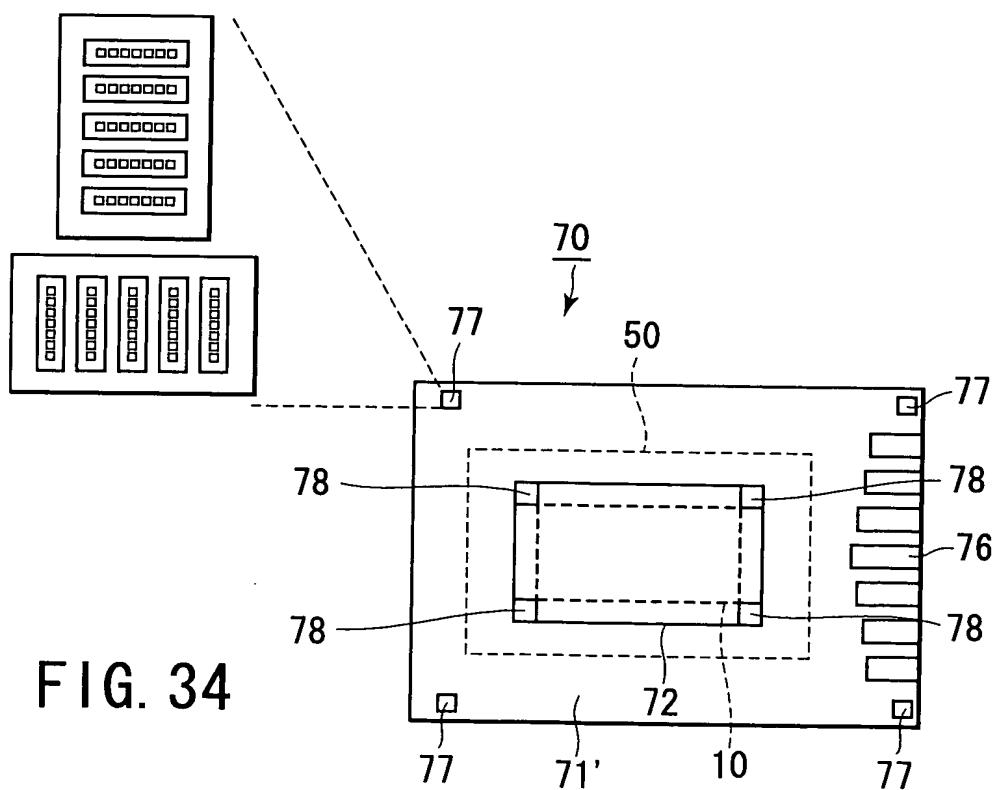


FIG. 34

FIG. 35B

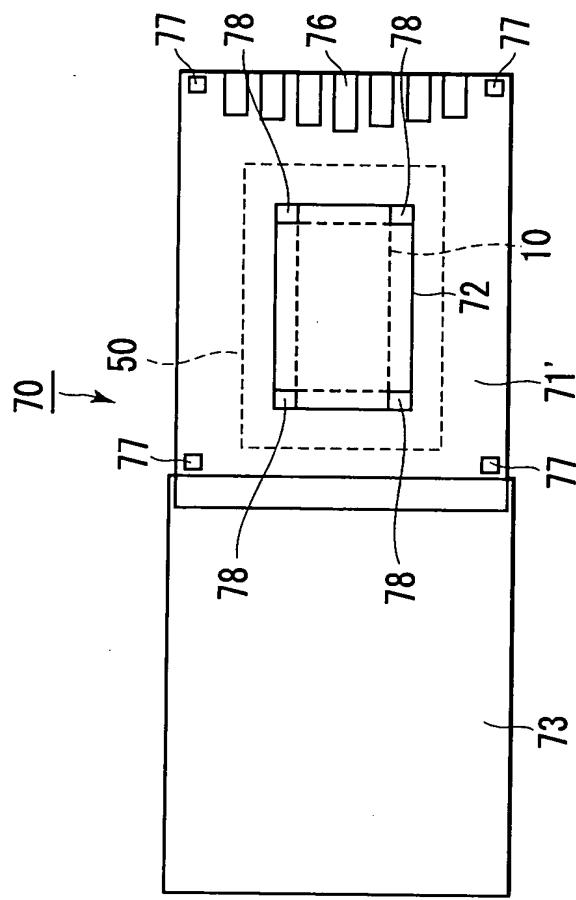
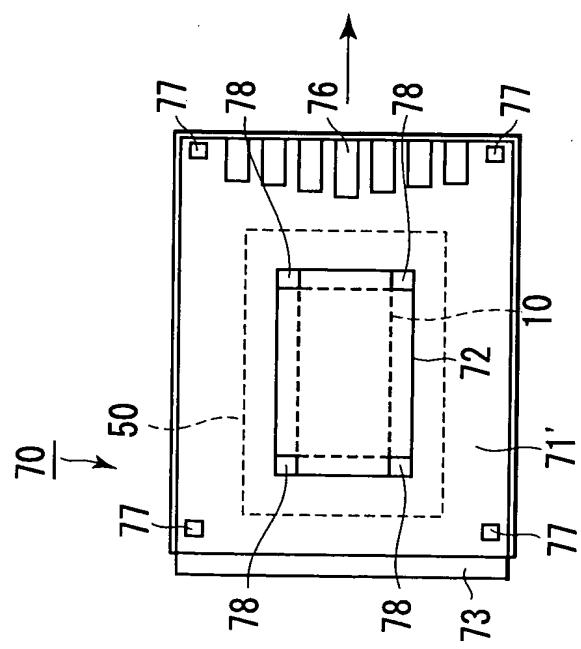


FIG. 35A



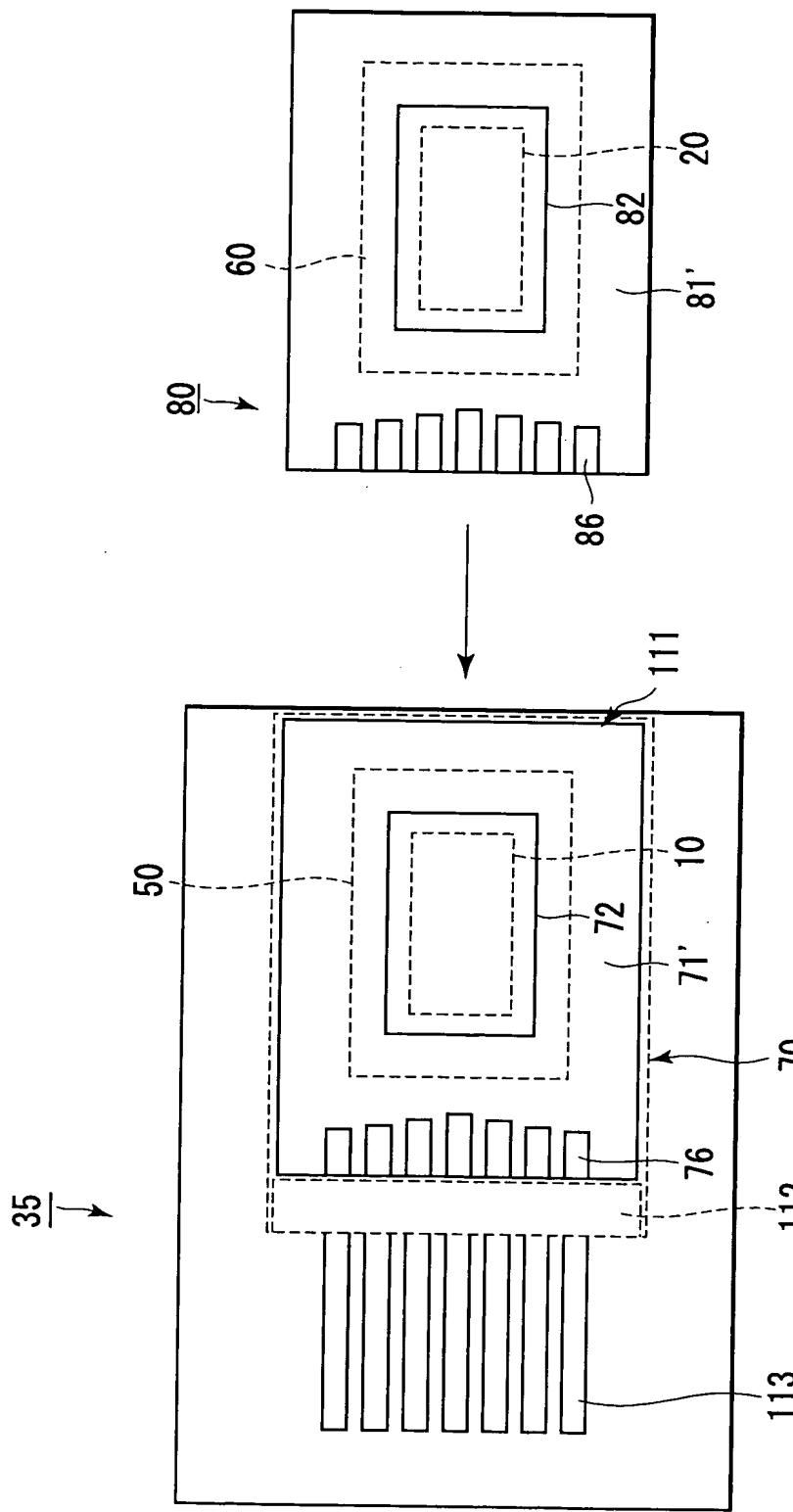


FIG. 36

35

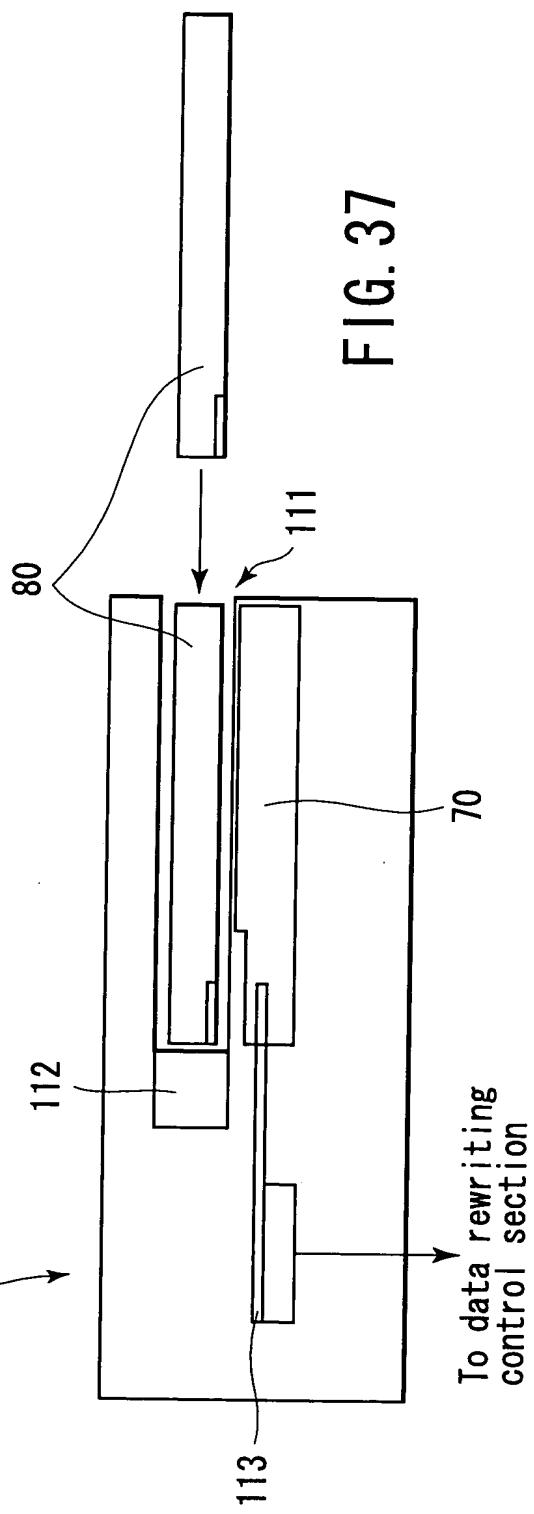


FIG. 37

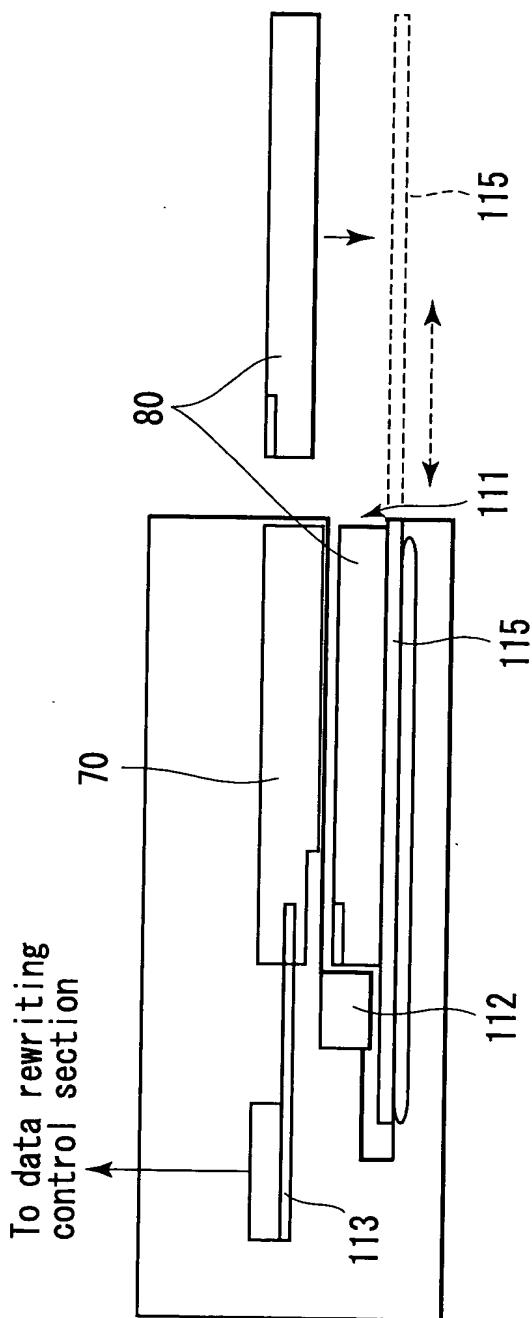
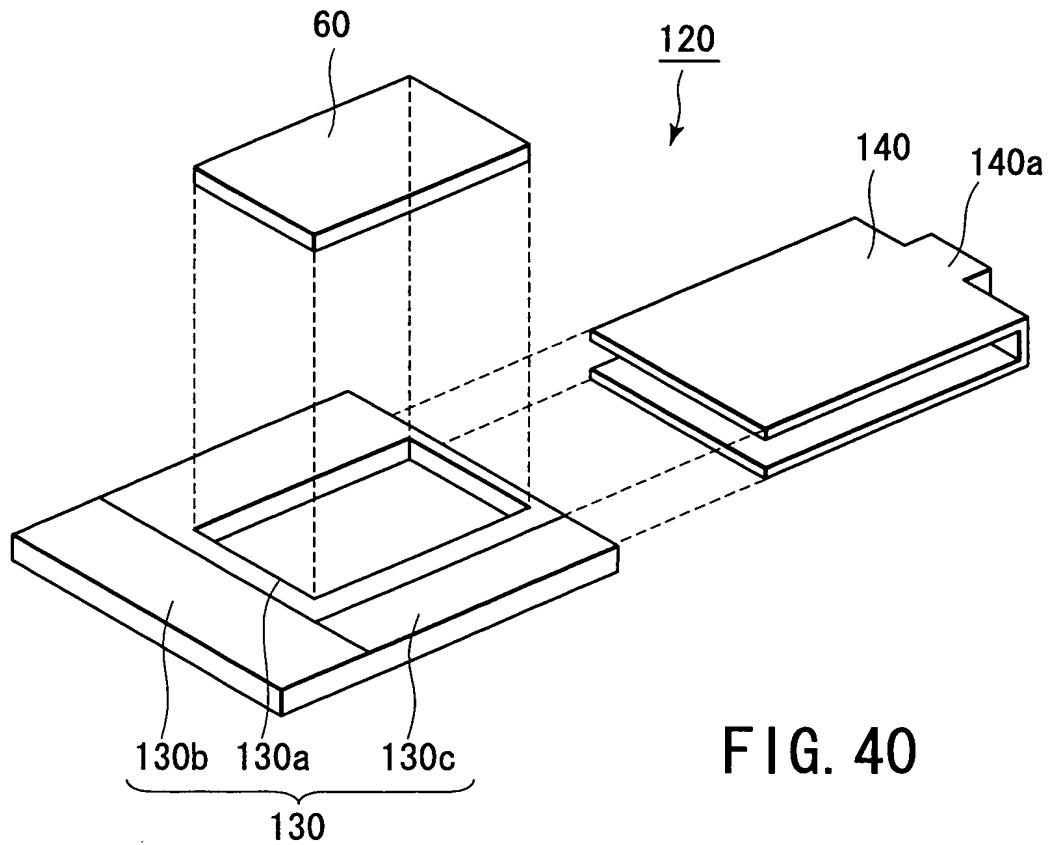
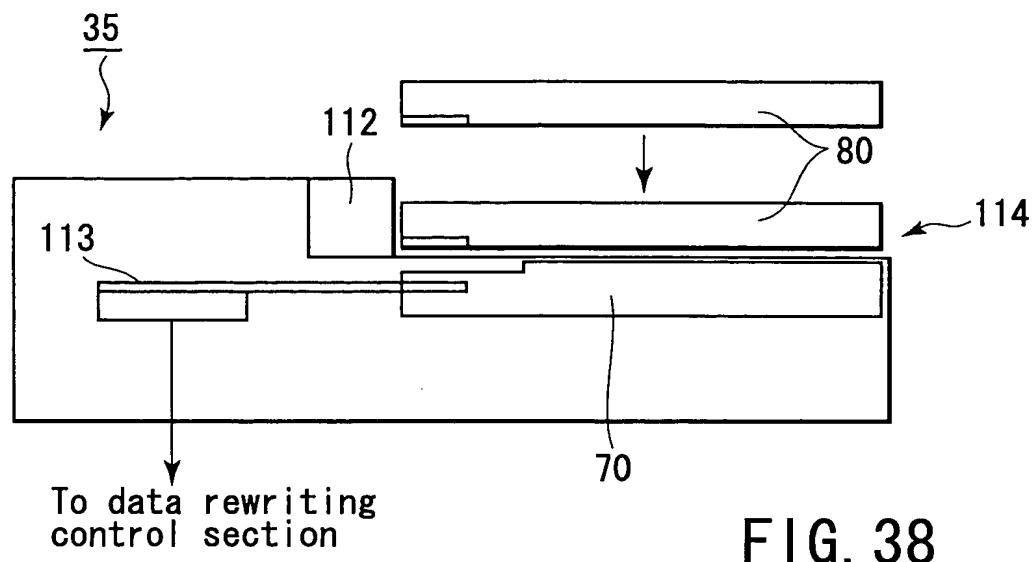


FIG. 39



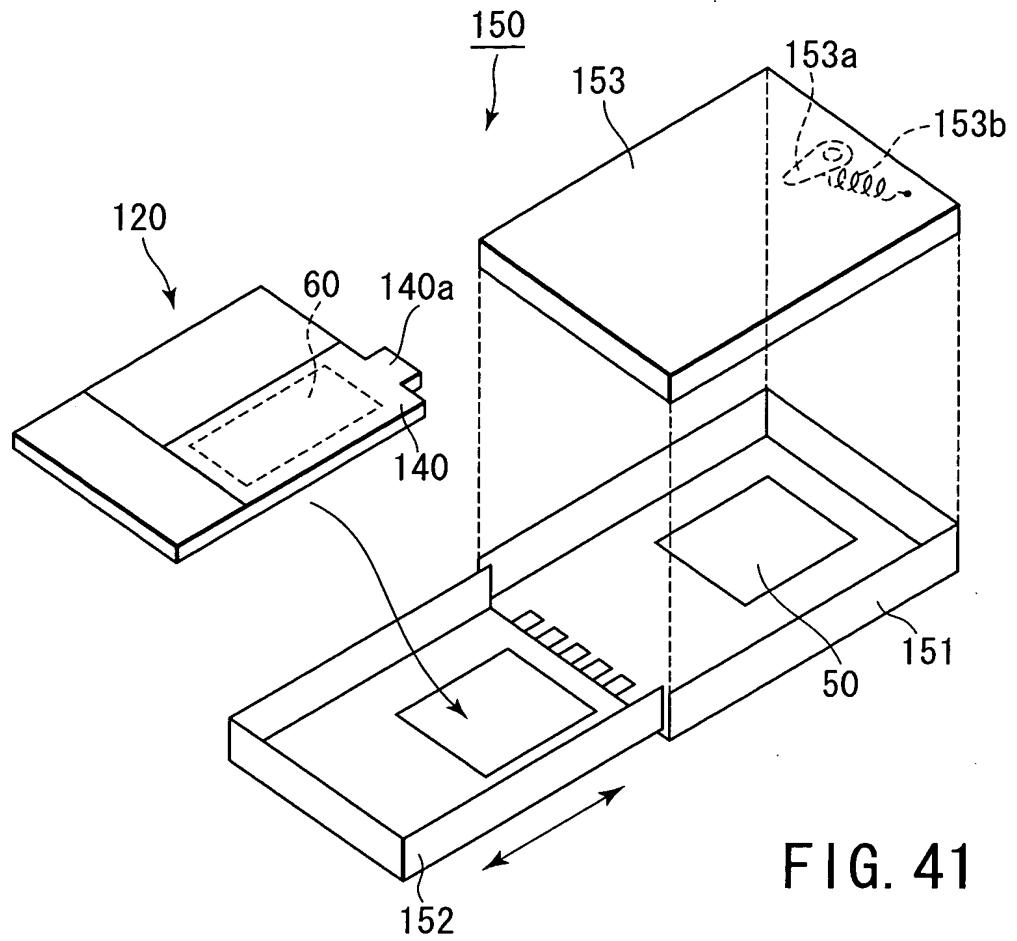


FIG. 41

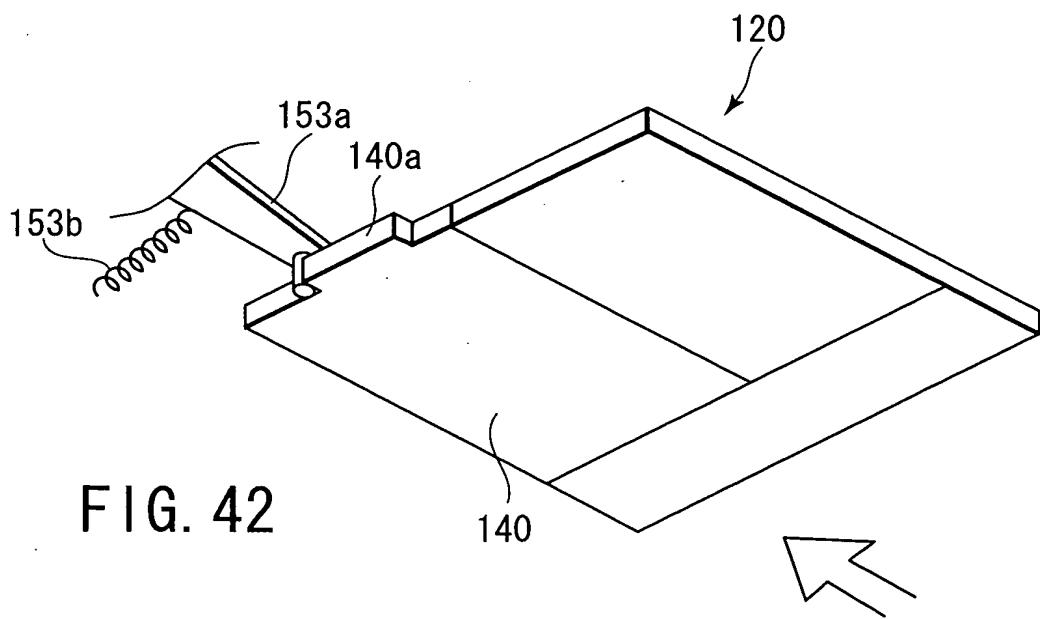


FIG. 42

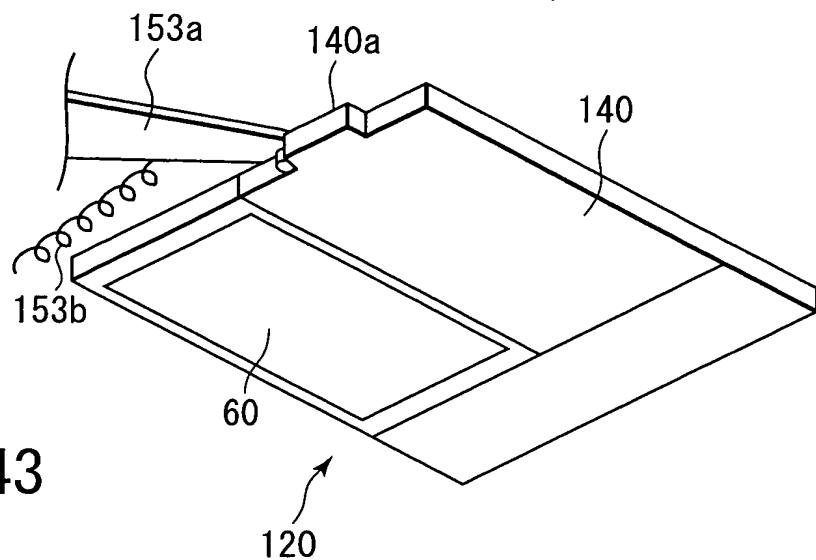


FIG. 43

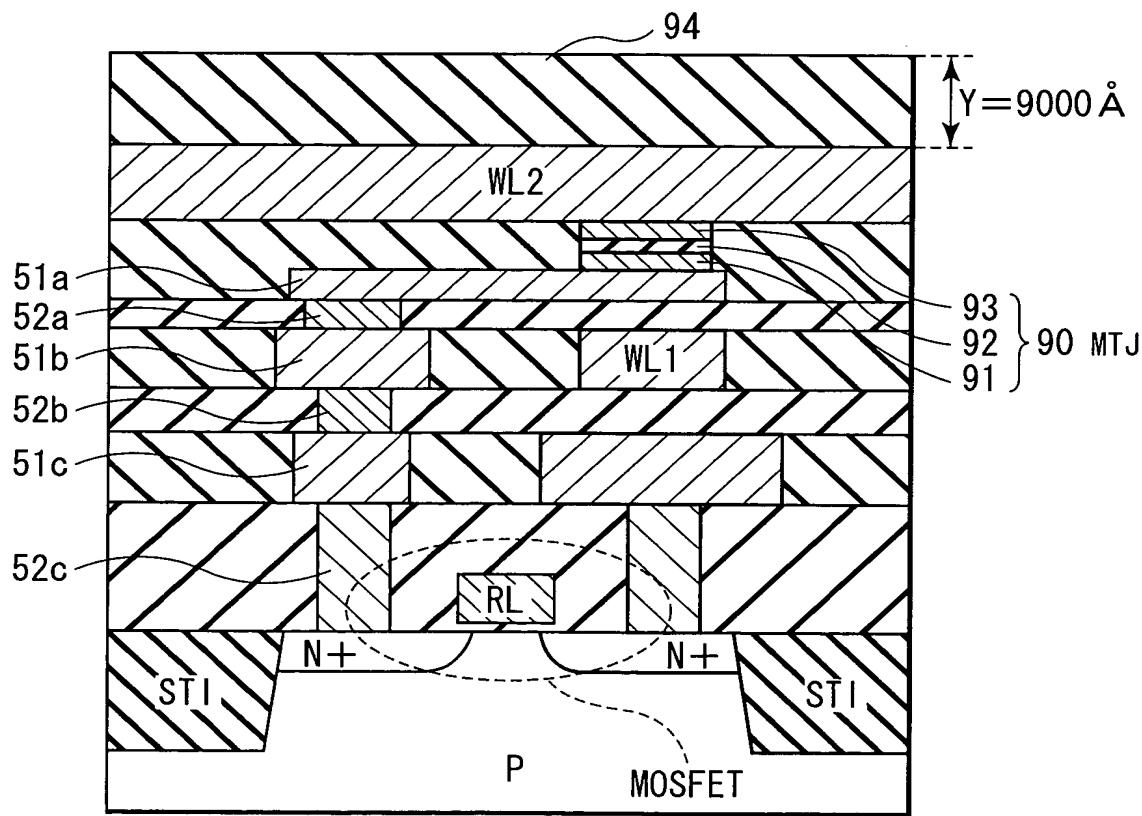


FIG. 45 (PRIOR ART)



		DVD	1-2. 5" HDD	3. 5" HDD	FeRAM	MRAM
Transfer speed / Mbps	10-50	30-100	200-1000	1/50nsec.	1/50nsec.	
Access time (between tracks)	20msec.	2msec.	0. 5msec.	50sec.	50sec.	
Time for downloading	×	×	×	△	△	△
Time/sec required for downloading 1 GB data	30000	3000	800	400	400	
Time/sec required for downloading 4 GB data	120000	12000	3200	1600	1600	
Time/sec required for downloading 20 GB data	Irrelevant	Irrelevant	Irrelevant	8000	8000	

FIG. 44